

CATALYST COMPOSITIONS AND POLYOLEFINS
FOR EXTRUSION COATING APPLICATIONS

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ABSTRACT

This invention relates to the field of olefin polymerization catalyst compositions, and methods for the polymerization and copolymerization of olefins, including polymerization methods using a supported catalyst composition. In one aspect, the present invention encompasses a catalyst composition comprising the contact product of a first metallocene compound, a second metallocene compound, at least one chemically-treated solid oxide, and at least one organoaluminum compound. The new resins were characterized by useful properties in impact, tear, adhesion, sealing, extruder motor loads and pressures at comparable melt index values, and neck-in and draw-down.

20 Attorney Docket No. 51757-0770 (295304)
Client File No. 210511